

DATE

PROJECT

SPECIFIER

TYPE



DESCRIPTION

Innerscene's Virtual Sun system offers cutting-edge simulations of natural daylight and moonlit skies at any time. Harnessing patented technology, it offers lifelike views through an infinite-depth skylight or window, aligns with circadian rhythms, and boasts straightforward installation.

The advanced technology stimulates physiological and emotional responses akin to natural daylight without exterior access. Applicable in fields like education, entertainment, healthcare, and more.

Innerscene's system removes design limitations, offering a tailored virtual daylight experience that enhances well-being.

FIXTURE RATINGS & CERTIFICATIONS



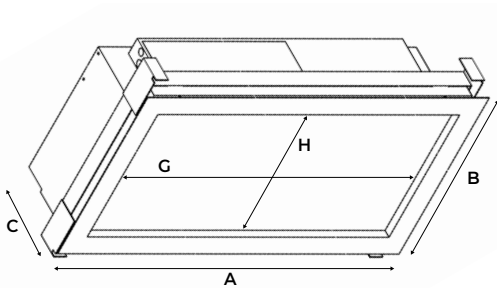
MODEL	MOUNTING KIT	TRIM FINISH	POWER SUPPLY	LIGHTING CONTROL	PROGRAMMING CODE
VS -					
VIRTUAL SUN	ACI - ACOUSTICAL TILE INDIVIDUAL ACA - ACOUSTICAL TILE ARRAY DC - DRYWALL CEILING WV - WALL VERTICAL WH - WALL HORIZONTAL C1 - CUSTOM	WH - WHITE RAL9010 MATT* C2 - CUSTOM**	INT - INTEGRAL IR - IC-RATED & REMOTE DRIVER	CSB - CASAMBI 010V - 2-CHANNEL 0-10V DT - DALI-2 DT8 DX - 2-CHANNEL DMX C3 - CUSTOM	PXXXX - GET PROGRAMMING CODE P0000 - DIMMER ONLY P0002 - DEFAULT PROGRAMMING

EXAMPLE: VS-ACA-WH-INT-CSB-P0000

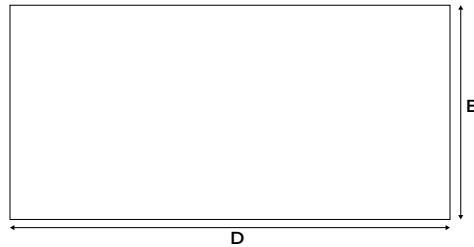
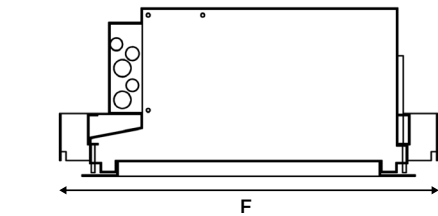
*FIELD-PAINTABLE

**ANTI-MACROBIAL AVAILABLE

DIMENSIONS



	LENGTH	WIDTH	DEPTH	DRYWALL CUT-OUT		JOIST SPACING FACE-FACE	WINDOW DIMENSIONS	
	TRIM DIMENSIONS			D	E		F	G
	A	B	C					
DRYWALL	41"	21.7"	11"	38.3"	20.9"	21.5" to 24.5"	36.1"	16.8"
ACT TIGHT ARRAY	48"	24"	11"	N/A	N/A	24"/2'	36.1"	16.8"
ACT INDIVIDUAL FIXTURE	48.9"	24.9"	11"	N/A	N/A	24"/2'	36.1"	16.8"



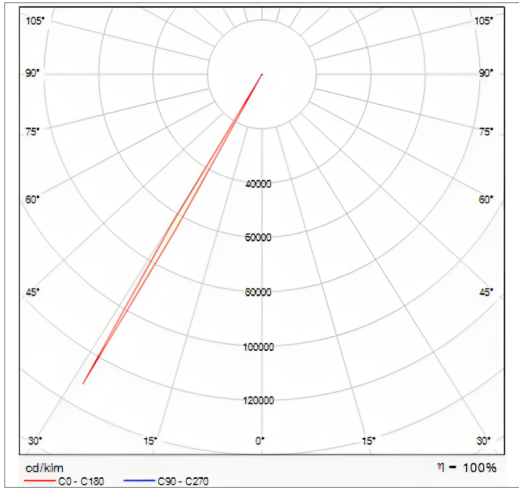
SPECIFICATIONS

CRI	90+
DELIVERED LUMENS	IC-NON-IC 4,455 LUMENS IC-RATED 3,796 LUMENS
PERCEPTIBLE FLICKER	NO PERCEPTIBLE FLICKER, MEETS WELL V2 FEATURE 8 REQUIREMENTS
CAMERA FLICKER	25KHZ PWM DIMING ENSURES NO FLICKER EVEN ON MOBILE PHONE CAMERAS
VERTICAL MOUNTING	STUD OR MASONRY WALLS

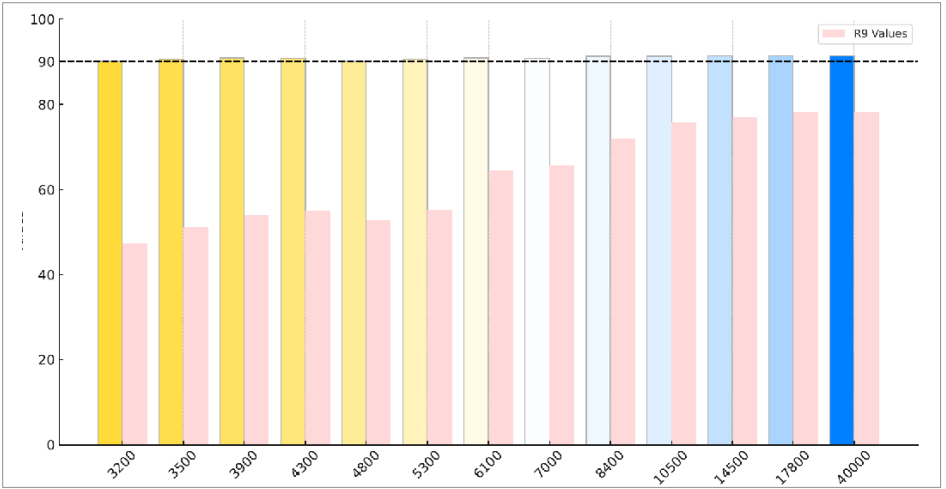
INSULATION CONTACT (IC)	NON-IC (STANDARD) IC (OPTION)
INTEGRAL DRIVER	YES, REMOTE OPTIONAL
ELECTRICAL	90-277V 50-60HZ PF >0.9
COLOR TEMPERATURE	TUNABLE 3,200K TO 40,000K
AMBIENT TEMP RANGE	32-77 °F (NON-CONDENSING)
WATTAGE	NON-IC 155W / RATED 115W

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HORIZONTAL MOUNTING ACOUSTICAL TILES (ACT) DRYWALL CEILING (CULUS LISTED)		WARRANTY 5 YEARS	
ENVIRONMENTAL RATING (PROTECTION CLASS(IP)) IP20 STANDARD IP54 (OPTION)		DIMENSIONS 38.2" X 20.7" DEPTH 10.5"	
		WEIGHT Product 77 lbs Boxed 163 lbs	
		STANDARDS UL 1598, TÜV, UL LISTED	

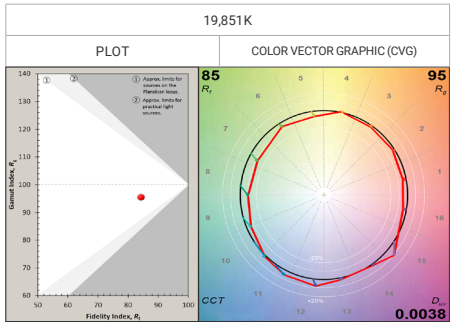
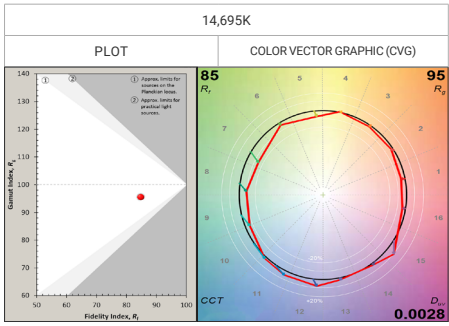
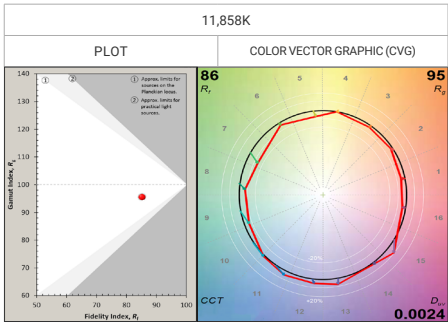
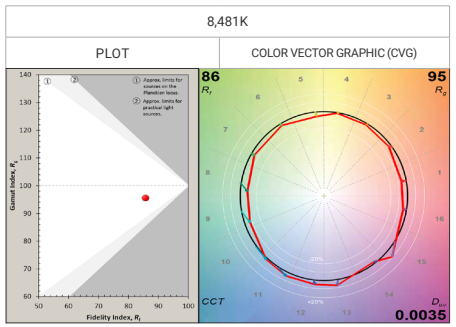
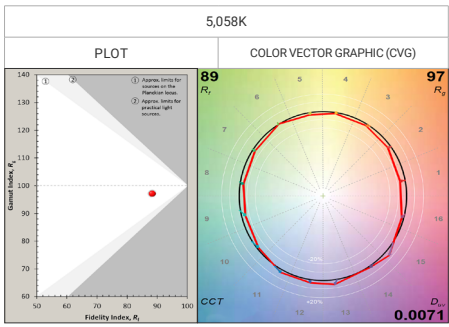
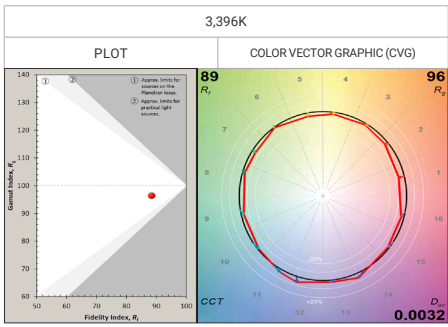
POLAR CURVES



CRI (RA) AND R9 BY CCT



TM30 COLOR FIDELITY



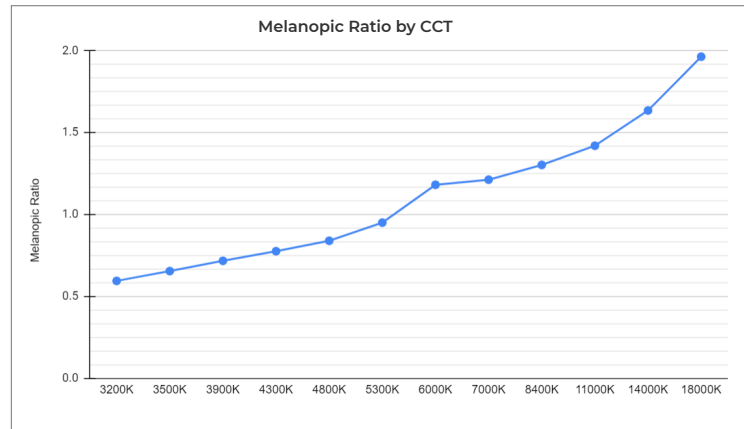
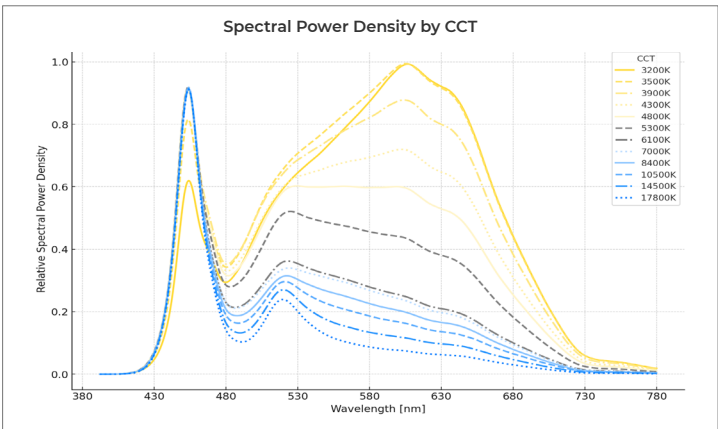
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COLOR TEMPERATURE RANGE

Colors of white light are referred to as CCT in Kelvin, lower numbers are warmer tones, higher numbers are cooler or bluer tones. There is no upper limit of Kelvin. However, in Non-Innerscene products may have blue skies with low color rendition leading to color casts which can be unpleasant.

- 40,000K : Innerscene's deepest blue sky
- 20,000K : Blue Sky
- 6,500K : Pure White - highest color temperature for commercial lighting
- 3,500 - 4,000K : Commercial White
- 2,700 - 3,000K : Warm White - comparable to bright incandescent lamps
- 2,000K : Warmest hues of sunrise or sunset
- 1,800K : Dimmed incandescent lamps

SPECTRAL INFORMATION



PROGRAMMING CODE

Programming Codes are used to load predefined settings and schedules onto Primary fixtures prior to shipping and on site. (*)

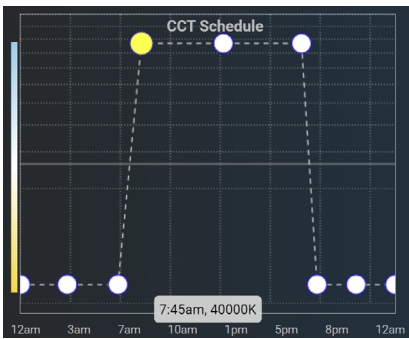
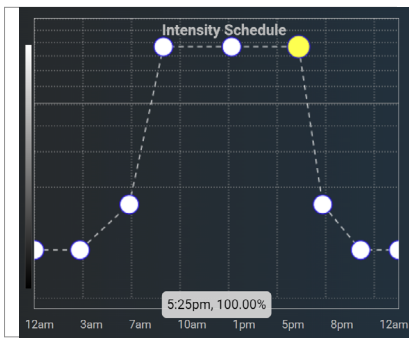
P0000 - Dimmer Only. When selected Primary fixtures will only respond to external dimmer controls (0-10V, DMX, DALI, Casambi).

P0002 - Default programming. Learn more by visiting <https://innerscene.com/programCode?code=P0002>

Find/create other programming schedules by visiting <https://innerscene.com/programCode>

* Secondary fixtures use Innerscene's wireless synchronization to mirror the primary unit when set to the same zone.

PROGRAMMING CODE EXAMPLE FOR P0002 :



Wireless Group ⓘ

Idle resume ⓘ

Power On State ⓘ

Active Days ⓘ

Schedule relative to Clock Sunrise

Timezone ⓘ